

Date: Fri, 15 Oct 93 11:28:11 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1223  
To: Info-Hams

Info-Hams Digest                      Fri, 15 Oct 93                      Volume 93 : Issue 1223

Today's Topics:

                    ALINCO SPONSORED BBS PROBLEM  
                    Avaialbe 920 MHz Transceivers??  
                    Charging an FNB-26 with NCD-29?  
                                I GIVE UP!  
            Index to the rec.radio.amateur.\* Supplemental Archives  
                    New UHF "Personal Use" Band? (3 msgs)  
                    Qeuestion on How to Obtain License  
                                Revised DX-Cluster Wish List  
  Smithsonian Station?  
                    TRW, Tektronix and Sony fax nos/address  
                                ZD9SXW - QRT 160m (+80m?)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 15 Oct 1993 11:47:58 GMT  
From: world!news.bu.edu!transfer.stratus.com!amateur1.cac.stratus.com!  
jay@uunet.uu.net  
Subject: ALINCO SPONSORED BBS PROBLEM  
To: info-hams@ucsd.edu

The town where this BBS is located experienced a power outage yesterday. If  
you tried to call and received no answer, this was the cause. Please feel  
free to download the CMPFILES.ZIP in the free files folder. This will list  
all files found on the BBS.

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Date: 15 Oct 93 04:46:27 GMT  
From: ogicse!uwm.edu!math.ohio-state.edu!cs.utexas.edu!not-for-mail@network.ucsd.edu  
Subject: Avaiable 920 MHz Transceivers??  
To: info-hams@ucsd.edu

I read several opinions that the 902-928 MHz band is under-utilized.

I would like to experiment with the band. There is even a local repeater. However, most commercial ham gear is for 2m/440 with some 220 and 1240.

Does anyone in net.land know the latest and greatest commercial off the shelf transceivers with 902-928 Mhz coverage?

--

Leonard Rosenblum (N2KRW) - ljr9282@hazeltine.com - (Huntington NY)

-----  
Date: 15 Oct 93 12:57:07 GMT  
From: ogicse!emory!wa4mei!ke4zv!gary@network.ucsd.edu  
Subject: Charging an FNB-26 with NCD-29?  
To: info-hams@ucsd.edu

In article <931013162707.afc2@GMS> RGS%gms@gfimda.UUCP (Robert G. Schaffrath) writes:

>I just received my new Yaesu FT-530 with the FNB-26 battery pack and found  
>something curious. It would appear that the FNB-26 is approximately the same  
>size as the FNB-11 which the FT-470 uses. Also, the desktop charger contacts  
>are in the same location. I was wondering if the NCD-29 desktop charger that  
>the FNB-11 and FNB-12 use might be able to charge the FNB-26 as well as the  
>FNB-27. I know Yaesu now has a 1-hour model called the NCD-42 but \$99 is a bit  
>much and I can wait 3 hours on the NCD-29. Does anyone know if this would be  
>possible?

Let me recomend that you buy the NCD-42. It's a bit expensive, but it's a "smart charger" that is very kind to NiCads. The old NCD-29 is very abusive of batteries.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

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Date: 14 Oct 1993 22:37:26 -0400  
From: munnari.oz.au!spool.mu.edu!sdd.hp.com!col.hp.com!news.dtc.hp.com!hplextra!  
hpscit.sc.hp.com!hpuerca.atl.hp.com!hpuerca!edh@network.ucsd.edu  
Subject: I GIVE UP!  
To: info-hams@ucsd.edu

In <CEvB06.B16@usenet.ucs.indiana.edu> djadams@silver.ucs.indiana.edu (david  
jerome adams) writes:  
<stuff deleted about 10 meter antenna woes>  
>Help!!!! Anyone...I really need a close, personnal friend who is a ham...

Gee, from the rest of your post I thought what you needed was a  
40 meter folded dipole run around the perimeter of your ceiling and  
an artifical ground.

Ed (I don't load up well on 40) Humphries - N5RCK

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Date: Fri, 15 Oct 1993 11:00:14 GMT  
From: nevada.edu!news.unomaha.edu!news@uunet.uu.net  
Subject: Index to the rec.radio.amateur.\* Supplemental Archives  
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4  
Archive-name: radio/ham-radio/archives

The following is a list of informational files for this newsgroup  
available via anonymous FTP from ftp.cs.buffalo.edu (currently at IP  
number 128.205.32.9) or the Australian mirror at grivel.une.edu.au  
(currently at IP number 129.180.4.7).

Questions to bowen@cs.buffalo.edu

1750m.band	- misc info on the 1750m band
222xvtr.zip	- PostScript code for KH6CP no-tune 222-MHz transverter
ampr_coordinators	- coordinators for packet IP addresses

- antenna\_refs - references for articles about antenna designs
- arrrl-logo.ps - ARRL logo in PostScript format
- arrrl\_bib - bibliographies from ARRL literature (ASCII format)
- arrrl\_digital\_minutes - Minutes of the ARRL committee on digital comm.
- arrrl\_fo\_jobs - descriptions of some ARRL Field Organization jobs
- arrrl\_info\_service - announcement of the ARRLs trial information service
- cal\_pd\_freq - California police frequencies
- callbook.tar.Z - sources for the marvin callsign server v1.3
- canadian.Z - Canadian ham database in FCC format
- carpet.loop.2 - Antenna for apartments and small spaces
- clubcalls.Z - database of US ham clubs
- comb6.zip - HF Propagation Predication program
- docket\_91-36 - information regarding the proposed scanner regs
- dxcc-k2di - ARRL DXCC country list
- element\_credit - rules about VE credit for earliers exams
- elmers\_admin - information about the elmers list (see below)
- elmers\_list - list of elmers on the network
- exam\_ops - info on exams and exam opportunities
- faq\_callsign - frequently asked questions about the callsign server
- faq\_ham\_1 - frequently asked questions about ham radio (pts 1)
- faq\_ham\_2 - frequently asked questions about ham radio (pts 2)
- faq\_ham\_3 - frequently asked questions about ham radio (pts 3)
- faq\_packet - frequently asked questions about packet radio
- faq\_shortwave - frequently asked questions about shortwave
- fft.com - EGA/VGA DOS command for spectral display (QST 1/92)
- ffth.com - Hercules DOS command for spectral display (QST 1/92)
- field\_day\_92 - field day rules for 1992
- florida\_antenna - Florida State antenna law info
- guide2newsgroups - description of USENET newsgroups dedicated to radio
- ham\_sat\_sum - summary of information needed to get on satellite
- hams\_on\_usenet - list of ham operators and e-mail addresses on the net
- hamstacks - information about the question pool stacks
- handicap\_waiver - info on obtaining a handicapped test waiver
- hf\_rigs - QST reviews of available HF rigs
- ht\_info - general information about commercial hand helds
- icom\_ic\_w21at\_mods - increases the number of bands on an Icom IC W21AT
- intro\_to\_sw1 - info for aspiring short wave listeners
- intro\_to\_scanners - info for aspiring scanner listeners
- jlem.zip - Program, w/source, for 2kx8 ROM emulator (QEX 1/93)
- j-poles - description of j-pole antenna made from twin-lead
- lead\_acid\_batteries - essay on lead-acid batteries
- license\_plates - guide to ham calls on license plates
- logos - PostScript logos for various ham organizations
- mail\_order - a database of electronic mail order shops
- manufacturers - names and addresses of ham gear manufacturers
- mav11.ps - postscript image of MAV-11 amplifier PCB (QEX 9/93)
- motorola\_ge\_service\_man - how to get service manuals for Motorola and GE rigs
- nasa\_select - places where you can hear NASA SELECT broadcasts

- new\_packeteers - helpful essays for new packeteers
- newcomers - tips and hints for those new to amateur radio
- nprm\_93\_85\_text - text of docket 93-85 (message forwarding systems)
- packet\_clubs - organizations you can get more packet info from
- packet\_gateways - list of gateways from packet to Internet
- packet\_misc - miscellaneous packet info
- packet\_software - list of packet software versions
- phone\_bbs\_list - phone BBSs for ham related issues/software
- pio\_handbook - ARRL Public Information Officer's Handbook
- pr\_docket\_92-136 - text of FCC PR Docket 92-136
- qsl\_bureau1 - information about the ARRL QSL bureau
- qsl\_bureau2 - "what should I do if" list for the QSL bureau
- qst\_prodev - index of ARRL product reviews in QST
- quest\_pool\_novice - novice question pool - good after 7/1/93
- quest\_pool\_technician - technician question pool - good after 7/1/93
- quest\_pool\_general - general question pool - good before 6/30/94
- quest\_pool\_advanced - advanced question pool - good before 6/30/95
- quest\_pool\_extra - extra question pool - good before 6/30/96
- repeater\_map\_proj - description of Electronic Repeater Mapping Project
- rfi\_tips - good posting about RFI
- sol\_geo\_data - description of daily solar geophysical broadcasts
- sol\_terra\_terms - glossary of solar-terrestrial terms
- sstv\_wefax\_info - general help for SSTV and WEFAX users
- tasm.zip - table-driven assembler for weavrdsp.zip file
- usenet\_purchases - tips on buying and selling via USENET
- weavrdsp.zip - src to "Weaver Method Modulator Using DSP" (QEX 9/93)

For readers of this newsgroup both new and experienced, these files are a de-facto "Required Reading List" to provide definitive answers and pointers to other sources for questions that come up in this forum.

This is also your archive, so any additional articles, guides, or small PostScript graphics that you feel would enhance this collection are most welcome. Submit to Devon via his E-mail address above.

Thanks go to Devon Bowen, KA2NRC, for providing diskspace and maintaining these valuable archives, as well as all the authors who wrote and submitted the information contained in them.

Additional archives out there that have /pub/ham-radio directories are encouraged to "mirror" these files to provide redundant storage for these documents. Some of these sites (which may or may not mirror ftp.cs.buffalo.edu) include:

ucsd.edu	128.54.16.1	/hamradio
nic.funet.fi	128.214.6.100	/pub/ham
		/pub/dx
csseq.cs.tamu.edu	128.194.2.20	/ham-radio

suntan.tandem.com	130.252.10.8	/hamradio
col.hp.com	15.255.240.16	/packet
talos.cs.buffalo.edu	128.205.32.9	/pub/ham-radio
bubba.business.uwo.ca	129.100.22.42	/hamster/ham
		/hamster/tcpip
		/hamster/mods
		/hamster/view
vax.cs.pitt.edu	130.49.2.1	/pub/arrl8
		/pub/ka9q
		/pub/ncpa
		/pub/tnc2
broilga.cc.uq.oz.au	130.102.128.5	/pub/ka9q
tomcat.gsfc.nasa.gov	128.183.10.100	/public
helios.tn.cornell.edu	128.84.241.2	/pub
wuarchive.wustl.edu	128.252.135.4	/mirrors/msdos/hamradio
		/mirrors/msdos/packet
		/mirrors/msdos/ka9q-tcpip
		/mirrors/cpm/hamradio
		/mirrors/cpm/packet
		/mirrors/misc/hamradio
		/mirrors/misc/packet
		/mirrors/misc/ka9q-tcpip
gatekeeper.dec.com	16.1.0.2	/pub/net/ka9q
sun.soe.clarkson.edu	128.153.12.3	/pub/ka9q
sics.se	192.16.123.90	/archive/packet
		/pub/packet-incoming
sabrina.dei.unipd.it	147.162.2.106	/pub/hamradio
uhunix2.uhcc.Hawaii.Edu	128.171.44.7	/incoming/ham-radio
caticsf.cati.csufresno.edu	129.8.100.15	/pub/ham-radio
ftp.waseda.ac.jp	133.9.1.32	/pub/toumon/ham-radio
garfield.catt.ncsu.edu	152.1.43.23	/pub/hamradio
plan9.njit.edu	128.235.1.10	/pub/hamradio
sunee.uwaterloo.ca	129.97.128.196	/pub/radio
grivel.une.edu.au	129.180.4.7	/pub/ham-radio
uxc.cso.uiuc.edu	128.174.5.50	/pub/ham-radio
iraun1.ira.uka.de	129.13.10.90	/pub/ham-radio
nic.switch.ch	130.59.1.40	/software/hamradio
		/software/mac/ham-radio
iesd.auc.dk	130.225.48.4	/ham-radio
akutaktak.andrew.cmu.edu	128.2.35.1	/aw0g (softkiss-mac)
??????????	129.69.162.1	/pub (login as ftp
		pkt cluster,usa callbook)
gandalf.umcs.maine.edu	130.111.112.21	/pub/ham-radio # ls -l NO !)
rtfm.mit.edu	18.70.0.209	/pub/usenet/news.answers/radio
tamu.edu	128.194.15.32	/pc-sig
ftp.geo.brown.edu	128.148.116.19	/pub/hamradio
ns.risc.net	155.212.2.2	/ham-radio

Questions about FTP mirroring and access to appropriate software should be directed to me, or do an Archie search on the keyword "mirror."

For those without FTP access (and only those without FTP access, please), there is an FTP mail server at ftpmail@decwrl.dec.com (IP 16.1.0.1). Send the word "HELP" to this address for more information.

Additional documents on Usenet and other newsgroups may be obtained from rtfm.mit.edu (IP 18.70.0.209) via anonymous FTP or via mail server (send the word "HELP" to mail-server@rtfm.mit.edu).

The American Radio Relay League has recently made available a mail-server to distribute many of their informational documents in electronic form. Send E-mail to info@arrl.org with "HELP" in the message body for more information.

Yet another mail-server has been made available by Steve Harding, KA6ETB. Send E-mail to ham-server@grafex.Cupertino.CA.US with "HELP" in the message body for more information.

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Celebrating 60 years of the Univ. of Maryland ARA - W3EAX (1933-1993)

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Date: Fri, 15 Oct 1993 16:20:52 GMT  
From: sdd.hp.com!swrinde!cs.utexas.edu!math.ohio-state.edu!howland.reston.ans.net!  
vixen.cso.uiuc.edu!milo.mcs.anl.gov!ANLVM.CTD.ANL.GOV!B10990@decwrl.dec.com  
Subject: New UHF "Personal Use" Band?  
To: info-hams@ucsd.edu

In article <29khf7\$7fe@crchh941.bnr.ca>  
kharker@bnr.ca (Kenneth E. Harker) writes:

>  
>  
> I was in Radio Shack briefly the other day, and I noticed something  
>that surprised me. RS is now selling a UHF radio that operates in what  
>I presume is a new band. I forget the exact frequencies, but it is in  
>the 400's, right above or not too far above the amateur 440MHz band. None  
>of the sales droids knew anything about it (obviously) and all I could  
>\*\*\*stuff deleted  
> Does anyone know what this new band is all about? I mean, what's  
>the point? Doesn't this duplicate what the CB band is supposed to be  
>all about? If so, why would anyone want to pay four times as much for

>a radio that probably has a significantly shorter range and only two  
>"channels"? Is it because you need to have a license? For those

This is the General Mobile Radio Service, or GMRS.  
I believe there are 8 repeater pairs and some simplex  
channels around 462 MHz. No, it does not duplicate the cb band, although there  
are some similarities. For one thing, the comms are fm and therefore much  
higher quality than 27 MHz am, and for another, because of the freq there  
is no dxing or skip interference. The rules are rather complex and are  
designed to provide a true personal comm service that seems to have many of  
the good parts of ham radio with few or none of the bad parts of cb. I've  
listened on my scanner, and here in the western Chicago suburbs, it's hard  
to tell GMRS from ham radio in terms of technical quality and radio  
etiquette. It appears to me to be a very good way for family members to  
communicate by radio without taking a license exam...as opposed to cb,  
which appears to me to be a very bad way for family members to communicate  
by radio without taking a license exam.

--73, Gary K9CZB

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Date: 14 Oct 1993 16:48:23 -0500  
From: munnari.oz.au!spool.mu.edu!howland.reston.ans.net!math.ohio-state.edu!  
cs.utexas.edu!TAMUTS.TAMU.EDU!news.utdallas.edu!corpgate!crchh327.bnr.ca!  
kharker@network.ucsd.edu  
Subject: New UHF "Personal Use" Band?  
To: info-hams@ucsd.edu

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that surprised me. RS is now selling a UHF radio that operates in what  
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the 400's, right above or not too far above the amateur 440MHz band. None  
of the sales droids knew anything about it (obviously) and all I could  
gather from the box was that this new band is supposed to be for the  
use of "personal and family communications" (the quotes were on the box,  
too). The range quoted on the box was one mile. Other interesting  
things were that the only legal mode of operation is voice, you have  
to have a valid FCC license (application enclosed in box - I didn't  
look at it) to operate, and, at least on the RS unit, there was just  
a channel 1 / channel 2 toggle on the top for frequency selection. The  
radio was \$249 or something like that. I couldn't stay long in the store,  
but this did catch my attention.

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"channels"? Is it because you need to have a license? For those



family types who want to avoid the CBers?

This has me curious. If anyone knows what this new band is about (or maybe it's just an old band I had never heard of before) I would be real curious to know more about it.

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=====
Kenneth E. Harker      Bell Northern Research      "Any opinions expressed
kharker@bnr.ca        Richardson, Texas, USA    are solely mine and do
N1PVB                 (214) 684-5115         not represent BNR"
=====
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-----  
Date: 15 Oct 93 07:09:24 GMT  
From: panix!not-for-mail@uunet.uu.net  
Subject: New UHF "Personal Use" Band?  
To: info-hams@ucsd.edu

In <29khf7\$7fe@crchh941.bnr.ca> kharker@bnr.ca (Kenneth E. Harker) writes:

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>a radio that probably has a significantly shorter range and only two  
>"channels"? Is it because you need to have a license? For those  
>family types who want to avoid the CBers?

> This has me curious. If anyone knows what this new band is about  
>(or maybe it's just an old band I had never heard of before) I would  
>be real curious to know more about it.

There is no new band. It is probably a radio set for one of the handful of personal radio service channels (there are some in VHF and some in UHF) that is set aside by the FCC for family use.

Here in Manhattan if you set a scanner to the PRS channels, you will pick up all sorts of stuff that does not sound like family members talking to each other. Most of it sounds like taxi dispatching. I expect a family would not get much use of the radios you saw, here in Manhattan.

I would rather see the family members get ham tech licenses and communicate in a more knowledgeable way.

--

Carl Oppedahl AA2KW (patent lawyer)  
1992 Commerce Street #309  
Yorktown Heights, NY 10598-4412  
voice 212-777-1330

-----  
Date: Thu, 14 Oct 1993 17:44:10 GMT  
From: dog.ee.lbl.gov!agate!boulder!cnsnews!spot.Colorado.EDU!  
millerpe@network.ucsd.edu  
Subject: Qeuestion on How to Obtain License  
To: info-hams@ucsd.edu

I would like to obtain a license to transmit in the 2-meter band. I am unfamiliar with FCC procedures. I have asked around a bit and found that I might want a technicians voice license.

What FCC test do I need to take?

What type of preparation material would be helpful?

How often are the tests offered?

What is the cost for the test and licensing?

Thanx in advance to anyone who can help me.

Peter Miller

millerpe@spot.colorado.edu

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Date: 15 Oct 1993 13:23:14 GMT  
From: noc.near.net!jericho.mc.com!fugu!levine@uunet.uu.net  
Subject: Revised DX-Cluster Wish List

To: info-hams@ucsd.edu

In article AA06961@cmr.ncsl.nist.gov, rc@cmr.ncsl.NIst.GOV (Robert Carpenter) writes:

>A week or so ago OH2LWO asked for "wish-list" entries for revised DX-Cluster  
>software.

>

>I subscribed to the local cluster for a while, but dropped it for the following  
>reason.... THE POSTINGS DON'T IDENTIFY THE POSTING STATION'S LOCATION.

>As a 50 MHz and up type, knowing that W6XXX or K2NNN report a station doesn't  
>help. The US non-geographical call-letter situation means that calls do NOT  
>indicate station location. However, I discovered that the CURRENT DX-Cluster  
>system DOES carry the identification of the NODE where the report was initiated.  
>The problem is that THIS INFO IS STRIPPED OFF in the report you see as a logged-  
>in user. It is only contained in the inter-node messages. It would be relatively  
>easy for me - but I have been too lazy - to build a table of cluster nodes vs.  
>grid squares for the eastern USA chain of DX-Cluster nodes. There are fewer  
>than 100 nodes. What I'd like to see is a packaged way for this info to reach  
>the ordinary DX-Cluster user.

>

>SO.... let's have a way for the USER to see the Grid Square of node where each  
>posting is initiated.

>

>73 de w3otc@amsat.org

>

>PS.. I reject the concept that I am supposed to know the location of all the  
>stations who frequently post, there are MANY of them.

Well since such a small percentage of the total cluster spots are 6 meter,  
why not just make a policy that you include the location in the comment  
section of the spot? Like QSX or QSL via xxxxxx.

DX de KD1GG      F1TAC      My QTH:MA

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  ||  //  ||\ \  //||  // \ \  // \ \  
  ||  //  ||  \ \  // ||  //      //        
  ||//    ||  \ \  ||  //      //        
  ||\ \    ||  ||  ||  \ \  ===  \ \  ===  
  ||  \ \  ||  //  ||  \ \  //  \ \  //  
  ||  \ \  ||  //  ||  \ \  //  \ \  //
```

-----FTAC

Bob Levine   KD1GG 7J1AIS VK2GYN

levine@mc.com

(508) 256-1300 x247

kd1gg@wa1phy.ma

FAX (508) 256-3599  
-----



suitable D to A converters to put on the end of one of the propriety chips that does DDS.

I have got an article that refers to DACs made by various manufacturers. The problem is I do not have any addresses or fax numbers for them. Can anyone provide me with them or tell me where to look? US or UK numbers or addresses are ok for me.

I need numbers etc for

TRW (for the TDC1012 12 bit DAC)  
Tektronix (for the TKD A30 12 bit DAC)  
Sony (for the CX20202A 10 bit DAC)

I (and the student working on this) will be grateful for all offers

Thanks

Bob G4APV

-----  
Date: Fri, 15 Oct 1993 07:56:49 GMT  
From: news.service.uci.edu!paris.ics.uci.edu!news.claremont.edu!  
elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!math.ohio-state.edu!  
howland.reston.ans.net!agate!doc.ic.ac.uk!syma!mpfb8@network.ucsd  
Subject: ZD9SXW - QRT 160m (+80m?)  
To: info-hams@ucsd.edu

Due to very severe storm winds, Roger's 160m vertical is now a folded vertical and 160m has, therefore, come to an end.  
It is possible that 80m operation will be very restricted also due to antenna damage.  
However, he is certainly making up for it on the other bands!

GL...73...Peter, G4BVH.

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End of Info-Hams Digest V93 #1223  
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